

bracts and narrow sepals like *P. fosteriana* but has a simple inflorescence, entire bracts, and much smaller sepals.

So far as known, *Puya fosteriana* grows at a

higher altitude than any other member of the family, and so it is appropriately named for Mulford B. Foster, who has collected the highest number of bromeliad species both old and new.

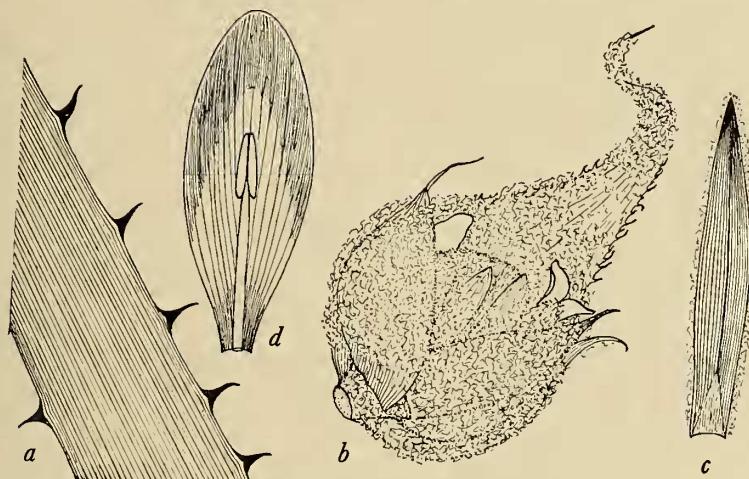


FIG. 1.—*Puya fosteriana*: a, Section of leaf-blade,  $\times \frac{1}{2}$ ; b, inner view of branch and primary bract,  $\times \frac{1}{2}$ ; c, inner view of sepal,  $\times 1$ ; d, petal and stamen,  $\times 1$ .

**ENTOMOLOGY.—Generic names of the beetle family Oedemeridae and their type species.<sup>1</sup>** Ross H. ARNETT, JR.,<sup>2</sup> Bureau of Entomology and Plant Quarantine, (Communicated by R. E. Blackwelder.)

It has become an established fact that little can be done to stabilize our zoological nomenclature without the utilization of the genotype (or generotype) concept. Our nomenclature inevitably changes as the increase in our available material and knowledge of the world fauna results in the development of new zoological concepts of particular groups. As an aid to the zoologist confronted

with this situation the nomenclaturist has made genotype designations. If the nomenclatural concept of the genus is properly understood by the zoologist and applied with the consciousness that zoological problems are not to be confused with nomenclatorial problems, an important step has been taken toward stabilization of nomenclature without *nomina conservanda*. This process of working out the genotypes of the older genera, and applying the law of priority to the findings, will be, I believe, a means of averting the crisis toward which modern workers are rapidly drifting—a zoological nomenclature buoyed up by the weak foundations of *nomina conservanda*.

The workers of the past three decades have supplied us with a number of genotype catalogues, among which are two that have served as patterns for the present work. Hyslop in 1921 (Proc. U. S. Nat. Mus. **58**, no. 2353) published a genotype catalogue of the Elateridae of the world (Coleoptera), and Pate in 1937 (Mem. Amer. Ent. Soc., no. 9) offered a genotype catalogue of the sphecid

<sup>1</sup> Received March 20, 1950.

<sup>2</sup> One cannot do a piece of work of this nature for the first time without becoming indebted to many colleagues for considerable help. To thank publicly all who have contributed time and advice to this project is impossible. However, I feel I must mention V. S. L. Pate, with whom I was associated at Cornell University when this work was begun, and to whom I am indebted for much kind advice and encouragement; and H. S. Barber, of the Bureau of Entomology and Plant Quarantine, who has helped me over many a rough spot during the final stages of the work. My sincere thanks are here expressed to those two men in particular and to others on the staffs of the Division of Insects, of the National Museum, and the Division of Insect Identification of the Bureau of Entomology and Plant Quarantine, of the United States Department of Agriculture, who have helped me in this work.

wasps (Hymenoptera). An attempt has been made to use the best principles of each in developing the following catalogue of the types of the genera of Oedemeridae.

It is difficult to prepare a list of sources of genotype designations that is at all exhaustive; and it is practically impossible to assemble all the earliest genotype designations at one writing. Hence, no list can be considered final or be expected to stabilize all generic names, even on a nomenclatorial basis alone. The following attempt undoubtedly will be found to contain errors, the correction of which will cause reversals in our concepts of particular genera at a later date. However, I have consulted the standard sources for genotype designations with which I am familiar and have catalogued not only the earliest designations I am aware of, but later ones as well, even though these are considered invalid because of prior valid designations. This has been done with the realization that the earliest designation cited, for some reason unknown to me at present, may be invalid; and also with the realization that our code of nomenclature is at present in a state of flux and that changes in rules or interpretations may invalidate certain designations now accepted as valid. If that should happen, the next designation listed might apply, and by citing it here I hope to spare future workers hours of searching through old, inadequately catalogued, and often inaccessible literature. With five exceptions, which are noted in each case, every reference cited has been examined by me.

No attempt is made to indicate generic synonymy other than that resulting when genera are isogenotypic, except in rare cases where the genotypes have been well studied and are known to be synonymous. In all these latter cases, moreover, the authors of the synonymy studied the type specimens of the genotypic species and gave sound reasons for considering the names synonymous on zoological grounds. Only in these few instances has zoology been allowed to creep into this otherwise strictly nomenclatorial paper; and since such synonymy represents only personal opinion a generic name thus synonymized is always available for subsequent resurrection.

It is my intention to follow this catalogue

with a series of papers dealing with these genera on zoological grounds. These studies will very probably result in a reduction of the now rather appalling number of generic names in this comparatively small family.

An annotated list of some general references that have been found valuable as sources of genotype designations is appended. These citations are necessarily mentioned repeatedly in the body of the work, but there only the author, date, and page number are given in each case.

In the alphabetical list of the genera that follows I have adopted this sequence of citation: (1) Generic name as originally proposed, with emendations recorded as separate names and listed in the proper alphabetical sequence with cross reference; (2) author's name and year of actual publication [not title-page date, where there is an established difference]; (3) reference to original description, or citation [this in rare cases may be supplemented by an additional reference if the name was originally proposed without included species, in which case the first reference to include species is cited and a note of explanation is given]; (4) the type species listed, either under the combination used in the original description, or that used when the designation was made if there is a difference, in the latter case with the original genus in parentheses following the citation of the original description of the species; this then followed by pertinent synonymy including original reference, reference to first publication of the synonymy, and further references when necessary; (5) the method of type fixation; (6) isogenotypic synonyms and cross references. I have tried to give full explanations of all cases of possible ambiguity; perhaps even to the extent of appearing needlessly verbose to those already familiar with the workings of a genotype catalogue and the methods of nomenclaturists.

In the case of catalogue names, I have considered the genus as validly proposed if accompanied by one or more specific names with the author's name at least as a reference, provided that at least one of the specific names had been validly described.

This catalogue presumes to be correct and complete to December 31, 1948.

## GENERA OF ODEMERIDAE

- Aedemera** Olivier, 1795, Entomologie 3(50): 1. [Emendation of *Oedemera* Olivier, 1789].
- Agasma** Newman, 1850, Zoologist 8: app. cxvi. Genotype: *Agasma semicrudum* Newman, 1850, l.c. cxvii. [Monobasic.]
- Allagatha** Semenow and Minassain, 1937, Bull. Soc. Ent. France 42: 227. Genotype: *Allagatha decora* Semenow and Minassain, 1937, l.c. 228. [Monobasic.]
- Alloxacis** Horn, 1896, Proc. California Acad. Sci. (2) 6: 385, 395. Genotype: *Nacerdes dorsalis* Melsheimer, 1846, Proc. Acad. Nat. Sci. Philadelphia 3: 55. [Designated by Lucas, 1920: 84.]
- Alloxantha** Seidlitz, 1899, Naturgesch. Ins. Deutschl. 5(2): 814, 828. Genotype: *Alloxantha lutea* Seidlitz, 1899, l.c. 829. [Designated by Lucas, 1920: 84.]
- Anacerda** Champion, 1927, Ent. Monthly Mag. 63: 249. Genotype: *Anacerda leptidiooides* Champion, 1927, l.c. 249. [Monobasic.]
- Ananca** Fairmaire and Germain, 1863 (Aug.), Ann. Soc. Ent. France (4) 3: 267. Genotype: *Nacerdes pallens* Solier in Gay, 1851, Hist. Chile 5: 257, pl. 21, figs. 4, 4 a-b. [Designated by Champion, 1917, Ann. Mag. Nat. Hist. (8) 19: 170.]
- Ananconia** Seidlitz, 1899, Naturgesch. Ins. Deutschl. 5(2): 816, 831. Genotype: *Ananconia martini* (Fairmaire, Bull. Soc. Ent. France, 1896: 224 (*Chitona*). [Designated by Semenow, 1900: 646].
- Anancosessinia** Kôno, 1937, Ins. Matsum. 11: 139. Genotype: *Anancosessinia tarsalis* Kôno, 1937, l.c. 140. [Monobasic.]
- Anisochroa** Semenow, 1900, Horae Soc. Ent. Ross. 34: 652. Genotype: *Anisochroa zarudnyi* Semenow, 1900, l.c. 653. [Monobasic.]
- Anogcodes** Dejean, 1834, Cat. Col.: 228. Genotype: *Anogcodes melanura* (Linnaeus), 1758, Syst. Nat., ed. 10: 403 (*Cantharis*). [Designated by Duponchel, 1841, 1: 550.] Isogenotypic with *Nacerda* Stevens, 1839.
- Anoncodes** Redtenbacher, 1845, Gatt. Deutsch. Käfer-fauna: 134. [No author or reference given, but the enlargement of this work, Fauna Austr. 1849: 56, 622, refers the name to *Anogcodes* Dejean, p. 250 (1838), by listing; it is accordingly to be considered an emendation of *Anogcodes*.]
- Anoncodes** Costa, 1852, Fauna Regni Napoli, Edemer.: 10. [Emendation of *Anogcodes* Dejean, 1834.]

- Anoncodina** Seidlitz, 1899, Naturgesch. Ins. Deutschl. 5(2): 765, 786. Genotype: *Nacerda ruficollis* (Fabricius), 1781, Spec. Ins.: 263 (*Necydalis*). [Present designation.]
- Apterosessinia** Blair, 1926, Ann. South Afr. Mus. 23: 357. Genotype: *Apterosessinia peringueyi* Blair, 1926, l.c. 358. [Monobasic.]
- Asclera** Dejean, 1834, Cat. Col.: 228. Genotype: *Necydalis sanguinicollis* (Fabricius), 1787, Mant. Ins. 1: 170. [Present designation.]
- Ascleranoncodes** Pic, 1915, Echange 31: 10. Genotype: *Ascleranoncodes distincticornis* Pic, 1915, l.c. 10. [Monobasic.]
- Asclerella** Semenow, 1900, Horae Soc. Ent. Ross. 34: 648. Genotype: *Asclerella tenera* Semenow, 1900, l.c. 651. [Monobasic.]
- Asclerononia** Seidlitz, 1899, Naturgesch. Ins. Deutschl. 5(2): 848, 850, 859. Genotype: *Asclera semiflava* (Reitter), Deutsche Ent. Zeitschr. 1891: 31 (*Ischnomera*). [Present designation.]
- Ascleropsis** Seidlitz, 1899, Naturgesch. Ins. Deutschl. 5(2): 848, 840, 860. Genotype: *Asclera maculicollis* Ganglbaur, 1890, Horae Soc. Ent. Ross. 24: 42. [Present designation.]
- Asclerosibutia** Pic, 1914, Echange 30: 67. Genotype: *Asclerosibutia lincatricollis* Pic, 1914, l.c. 67. [Present designation.]
- Asclerostoma** Fleischer, 1919, Ent. Blatt. 15: 169. Genotype: *Asclerostoma reitteri* Fleischer, 1919, l.c. 169. [Monobasic.]
- Baculipalpus** Broun, 1880, Man. New Zealand Col. 1: 423. Genotype: *Baculipalpus rarus* Broun, 1880, l.c. 423. [Monobasic.]
- Calopus** Fabricius, 1775, Syst. Ent.: 182. Genotype: *Cerambyx serraticornis* Linnaeus, 1758, Syst. Nat., ed. 10: 395. [Designated by Latreille, 1810: 430.] *Calopus serraticornis* Linnaeus, 1758, Syst. Nat., ed. 10: 395 (*Cerambyx*). [Designated by Blanchard, 1844: pl. 53, fig. 6.]
- Chitona** Schmidt, 1846, Linn. Ent. 1: 134. Genotype: *Stenostoma variegata* Germain, 1824, Ins. Spec. Nov.: 167. [Monobasic.] *Chitona connexa* (Fabricius), 1798, Suppl. Ent. Syst.: 153 (*Leptura*). [Designated by Semenow, 1900: 647.] Not an originally included species.
- Chromasclera** Seidlitz, 1899, Naturgesch. Ins. Deutschl. 5(2): 848, 850. Genotype: *Asclera partitipennis* Fairmaire, 1892, Ann. Soc. Ent. Belg. 36: 158. [Monobasic.]

**Chrysanthia** Schmidt, 1846, Linn. Ent. 1: 17, 125. [Emendation of *Chrysarthia* Schmidt, 1844]  
**Chrysarthia** Schmidt, 1844, Cat. Coleopt. Europa, ed. 2: 46. [Not seen.]

Genotype: *Cantharis viridissima* Linnaeus, 1758, Syst. Nat., ed. 10: 403. [Present designation.]

**Colobostomus** Fairmaire, 1885, Ann. Soc. Ent. France (6) 5: 452.

Genotype: *Colobostomus griseovestitus* Fairmaire, 1885, l.c. 453. [Monobasic.]

**Copidita** LeConte, 1866, New Species North Amer. Col. 1: 164.

Genotype: *Probosca quadrimaculata* Motschulsky, 1852, Études Ent. 1: 78. [Monobasic.]

**Copodita** Pic, 1923 (and later, consistently!, but no indication that it is a new name), Mél. Exot. Ent. 39: 32. [Misspelling of *Copidita* LeConte, 1866.]

**Cycloderus** Solier, 1851, in Gay, Hist. Chile 5: 252.

Genotype: *Cycloderus rubricollis* Solier, 1851, l.c. 253. [Monobasic.]

**Dammarobius** Broun, 1886, Man. New Zealand Col. 4: 846.

Genotype: *Dammarobius mollis* Broun, 1886, l.c. 846. [Monobasic.]

**Danerces** Westwood, 1875, Trans. Ent. Soc. London, 1875: 228.

Genotype: *Danerces luteicornis* Westwood, 1875, l.c. 229. [Present designation.]

**Diasclera** Reitter, 1913, Deutsche Ent. Zeitschr. 1913: 663.

Genotype: *Diasclera viridescens* Reitter, 1913, l.c. 663. [Monobasic.]

**Diplectrodes** Champion, 1889, Biol. Centr.-Amer., Col., 4(2): 110 [no incl. sp.]; 126 (1890) [first incl. sp.].

Genotype: *Diplectrodes longicornis* Champion, 1890, l.c. 126. [Original designation.]

Note: Two included species, but one only provisionally included.

**Diplectrus** Kirsch, 1866, Berl. Ent. Zeitschr. 10: 210.

Genotype: *Diplectrus ferrugineus* Kirsch, 1866, l.c. 210 [Monobasic.]

**Dityloidea** Fairmaire and Germain, 1863, Ann. Soc. Ent. France (4) 3: 277.

Genotype: *Nacerdes janthina* Fairmaire and Germain, 1861, Col. Chile 2: 6. [Monobasic.]

**Ditylonia** Seidlitz, 1899, Naturgesch. Ins. Deutschl. 5(2): 814, 827.

Genotype: *Ditylus cephalotes* Champion, 1889, Biol. Centr.-Amer., Col., 4(2): 119, pl. 5, fig. 23. [Designated by Lucas, 1920: 245.]

**Ditylus** Fischer-Waldheim, 1817, Mem. Soc. Imp. Moscow 5: 469. [No included named species, but a species is figured, pl. 15A, 1-6.] Dejean, 1821, Cat. Coleop.: 72. [*Ditylus* Fischer-Waldheim referred to, with *laevis* Fabricius the only included species. *Helops* is in parentheses after Fabricius's name, which refers this to Fabricius, 1792, Ent. Syst. 1(2): 120. This is then the first included species.]

Genotype: *Helops laevis* Fabricius, 1792, Ent. Syst. 1(2): 120. [Monobasic.] Note: Next reference to this genus is Fischer-Waldheim, 1820-22, Ent. Imp. Russ. 1: 31, [Not seen.] Sherborn gives the date of this page as May 1822.

#### ADDITIONAL GENOTYPE DESIGNATIONS:

*Ditylus ruficollis* (Fabricius), 1781, Spec. Ins.: 263 (*Necydalis*). [Designated by Blanchard, 1844, pl. 53, fig. 8.] *Ditylus* Blanchard, 1844, is a misspelling of *Ditylus* Fischer-Waldheim, 1817. This is an invalid designation because it is not one of the first included species.

*Ditylus helopoides* Fischer-Waldheim, 1822 (May), Ent. Imp. Russ. 1: 31, pl. 5, fig. 1a-b. (Supposedly this paper refers to the figure in Fischer-Waldheim, 1817, cited above, and the species is usually cited as dating from 1817, but I have been unable to see this publication and therefore cannot verify this supposition). [Designated by Duponchel, 1845, 5: 89.]

*Ditylus helopoides* Fischer-Waldheim, 1817 [according to Crotch]. [Designated by Crotch, 1870: 229.] Note: *Ditylus helopoides* Fischer-Waldheim is a synonym of *Helops laevis* Fabricius, 1792, Ent. Syst. 1(2): 120, according to Germar, 1821, Mag. der Ent. 4: 401.

Synonym by genotype synonymy: *Mimetes* Eschscholtz, 1818.

Isogenotypic: *Microps* Megerle, 1821.

**Diversipalpus** Pie, 1938, Mel. Exot.-Ent. 70: 22.

Genotype: *Schistopselaphus bicoloripes* Pie, 1938, l.c. 22. [Monobasic.]

**Dohrnia** Newman, 1851, Zoologist 9: app. CXXXIII.

Genotype: *Dohrnia miranda* Newman, 1851, l.c. CXXXIII. [Monobasic.]

**Dolichopyga** Seidlitz, 1899, Naturgesch. Ins. Deutschl. 5(2): 816, 832.

Genotype: *Dolichopyga acuminata* Reitter, Deutsche Ent. Zeitschr. 1890: 152 (*Probosca*). [Designated by Semenow, 1900: 647.]

**Dolichopyga** Lucas, 1920, p. 247. [Emendation of *Dolichopyga* Seidlitz, 1899.]

- Dryopomera** Fairmaire, 1897, Notes Leyden Mus. 18: 238.  
Genotype: *Dryops indica* Fairmaire, 1896, Ann. Soc. Ent. Belg. 40: 54. [Monobasic.]
- Dytillus** Blanchard, 1844, Règ. Animal: pl. 53, fig. 8. [Misspelling of *Ditylus*.]
- Eobia** Semenow, 1894, Horae Soc. Ent. Ross. 28: 455.  
Genotype: *Asclera cinereipennis* Motschulsky, 1866, Bull. Moscou. 39: 173. [Present designation.]
- Exocalopus** Broun, 1893, Man. New Zealand Col. 5: 1170.  
Genotype: *Exocalopus pectinatus* Broun, 1893, l.c. 1170. [Monobasic.]
- Ezonacerda** Kôno, 1934, Ins. Mats. 9: 28.  
Genotype: *Oedemera nigripennis* Matsumura, 1911, Journ. Coll. Sapporo 4: 128. [Original designation and monobasic.]
- Falsonerdanus** Pic, 1943, Echange 59: 7.  
Genotype: *Falsonerdanus nigronotatus* Pic, 1943, l.c. p. 7. [Present designation.] Note: According to a strict interpretation of the Code, this genus is invalid because no genotype was originally designated. The present designation will, of course, validate the name.
- Falsosessinia** Pic, 1923, Mél. Exot.-Ent. 39: 28.  
Genotype: *Falsosessinia spinosa* Pic, 1923, l.c. 29. [Present designation.]
- Fissilamoncodes** Neave, 1939, Nomen. Zool. 2: 409. [Misspelling of *Fissilanonicalis* Pic, 1912.]
- Fissilanonicalis** Pic, 1912, Mél. Exot.-Ent. 1: 4.  
Genotype: *Fissilanonicalis maculicollis* Pic, 1912, l.c. p. 4. [Monobasic.]
- Fissilonacerdes** Pic, 1935, Mél. Exot.-Ent. 66: 21.  
Genotype: *Fissilonacerdes jaranus* Pic, 1935, l.c. p. 21. [Present designation.] See note under *Falsonerdanus* Pic.
- Ganglbaueria** Semenow, 1891, Horae Soc. Ent. Ross. 25: 378.  
Genotype: *Ganglbaueria collaris* Semenow, 1891, l.c. p. 379. [Monobasic.]
- Holoxantha** Semenow, 1894, Horae Soc. Ent. Ross. 28: 457, 470.  
Genotype: *Ditylus concolor* Brullé, 1838, in Webb and Berthelot, Hist. Nat. Canar. Col.: 70, pl. 1, fig. 13. [Original designation.]
- Homomorpha** Semenow, 1898, Wien. Ent. Zeit. 17: 177.  
Genotype: *Homomorpha crucifera* Semenow, 1898, l.c. 177. [Monobasic and original designation.]
- Hypasclera** Kirsch, 1866, Berl. Ent. Zeitschr. 10: 210.  
Genotype: *Hypasclera schistacea* Kirsch, 1866, l.c. 211. [Monobasic.]
- Idgiomima** Blair, 1926, Ann. South Afr. Mus. 23: 373.  
Genotype: *Asclerosibutia* (*Idgiomima*) *neavei* Blair, 1926, l.c. 373. [Original designation.]
- Idgiomimula** Blair, 1926, Ann. South Afr. Mus. 23: 374.  
Genotype: *Asclerosibutia* (*Idgiomimula*) *terminalis* Blair, 1926, l.c. 374. [Original designation and monobasic.]
- Indanerces** Pic, 1923, Mél. Exot. Ent. 39: 24.  
Genotype: *Indanerces nitidicollis* Pic, 1923, l.c. 24. [Present designation.]
- Ischnomera** Stephens, 1832, Ill. Brit. Ent., Mandib., 5: 53.  
Genotype: *Necydalis caerulea* Linnaeus, 1767, Syst. Nat., ed. 12: 642. [Designated by Westwood, 1838: 31, appendix.]  
Isogenotypic with *Oedemera* Olivier, 1789, and *Stenolytra* Dillwyn, 1829.
- Isolexantha** Semenow, 1902, Rev. Russe Ent. 2: 353. [New name proposed for *Xanthomima* Semenow, 1900 (not Warren, 1897).]
- Ithaca** Olliff, 1887, Proc. Linn. Soc. New South Wales (2) 2: 153.  
Genotype: *Ithaca anthina* Olliff, 1887, l.c. 154. [Monobasic.]
- Lepturidea** Fauvel, 1862, Bull. Soc. Linn. Normandie 7: 150.  
Genotype: *Lepturidea deplanchei* Fauvel, 1862, l.c. 152, pl. 10, figs. 32-39. [Monobasic.]
- Lethonymus** Marseul, 1857, Cat. Col. Eur.: 130.  
Genotype: *Lethonymus difformis* Marseul, 1857, l.c. 130. Note: The species *difformis* was described by Schmidt, 1846, Linn. Ent. 1: 90, without a generic name but as genus no. 10. On page 17, l.c., it is referred to as "10. n.g. anonym."<sup>3</sup> Marseul validated *difformis* by proposing the generic name *Lethonymus* [means "forgotten name"] and using *difformis* with it and at the same time referring to Schmidt, 1846. [Marseul publication not seen, not available in North America, but reprint in L'Abeille, 1867: 91, consulted.] [Monobasic.]
- Loboglossa** Solier, 1851, in Gay, Hist. Chile 5: 254.  
Genotype: *Loboglossa variipennis* Solier, 1851, l.c. 255. [Monobasic.]
- Matusinhosa** Pic, 1923, Mél. Exot. Ent. 39: 27.  
Genotype: *Matusinhosa maculata* Pic, 1923, l.c. 27. [Present designation.]
- Mecopselaphus** Solier, 1849, in Gay, Hist. Chile 4: 430.

<sup>3</sup> Inasmuch as Schmidt died in 1843, and his monograph did not appear until 1846, it appears that the manuscript was incomplete at this point.

- Genotype: *Mecopselaphus maculicollis* Solier, 1849, l.c. 430. [Present designation.] Note: This is probably not an oedemerid.
- Melananthia* Blair, 1926, Ann. South Afr. Mus. 23: 354.  
Genotype: *Melananthia costipennis* Blair, 1926, l.c. 355. [Original designation.]
- Meloeditylus* Pic, 1926, Mél. Exot. Ent. 47: 31.  
Genotype: *Meloeditylus reductus* Pic, 1926, l.c. 31. [Monobasic.]
- Metasclera* Broun, 1914, Bull. New Zealand Inst. 1: 198.  
Genotype: *Metasclera nigricans* Broun, 1914, l.c. 198. [Present designation.]
- Micronacerdes* Pic, 1923, Mél. Exot. Ent. 39: 25.  
Genotype: *Micronacerdes lotefasciatus* Pic, 1923, l.c. 25. [Present designation.]
- Microps* Megerle, 1821 in Dejean (not Megerle in Dahl, 1823; Wagler, 1828; Stevens or Fischer-Waldheim, 1829; Wagler, 1830; Agassiz, 1833; Haliday, 1833; or Hallowell, 1856), Cat. Coleop.: 72.  
Genotype: *Helops laevis* Fabricius, 1792, Ent. Syst. 1(2): 120. [Monobasic.]  
Note: Absolute synonym of *Ditylus* Fischer-Waldheim, 1817, because it was originally proposed as a synonym.
- Microsessinia* Pic, 1922, Mél. Exot. Ent. 35: 18.  
Genotype: *Microsessinia cyanescens* Pic, 1922, l.c. 18. [Present designation.]
- Milneum* Pic, 1923, Mél. Exot. Ent. 39: 25.  
Genotype: *Milneum inaequale* Pic, 1923, l.c. 25. [Monobasic.]
- Mimetes* Eschscholtz, 1818, Mem. Acad. Pétersb. 6: 467.  
Genotype: *Mimetes unicolor* Eschscholtz, 1818, l.c. 468. [Monobasic.] Note: Synonym by genotype synonymy: *Ditylus* Fischer-Waldheim, 1817. *Helops laevis* Fabricius, 1792, Ent. Syst. 1 (2): 120, is a synonym of *Mimetes unicolor* Eschscholtz, 1818, Mem. Acad. Pétersb. 6: 467, according to Germar, 1821, Mag. der Ent. 4: 401.
- Mimodiplectrus* Pic, 1923, Mél. Exot. Ent. 39: 27.  
Genotype: *Mimodiplectrus cyaneipennis* Pic, 1923, l.c. 27. [Monobasic.]
- Mimoncomera* Pic, 1923, Mél. Exot. Ent. 39: 28.  
Genotype: *Mimoncomera ocellaris* Pic, 1923, l.c. 28. [Monobasic.]
- Mimoselenopalpus* Pic, 1924, Mél. Exot. Ent. 42: 22.  
Genotype: *Mimoselenopalpus bicoloriceps* Pic, 1924, l.c. 22. [Monobasic.]
- Morpholyces* Lea, 1917, Trans. Royal Soc. South Australia 41: 287.  
Genotype: *Morpholyces apicalis* MacLeay, 1872, Trans. Ent. Soc. New South Wales 2: 313 (*Pseudolychus*). [Present designation.]
- Nacerdes* Dejean, 1834, Cat. Col.: 228.  
Genotype: *Necydalis notata* Fabricius, 1775, Ent. Syst. 1(2): 353. (Synonym of *Cantharis melanura* Linnaeus, 1758, Syst. Nat., ed. 10: 403, according to W. Schmidt, 1846, Linn. Ent. 1: 29.) [Present designation.] Note: Synonyms by genotype synonymy: *Anogcodes* Dejean, 1834, and *Nacerda* Stevens, 1839. [*Nacerdes* is valid by position priority.]
- Nacerda* Faldermann, 1837, N. Mém. Soc. Imp. Nat. Moscou 5: 139. [Not Seen.]
- Nacerda* Stevens, 1839, Man. Brit. Col., Mandib., 1: 337.  
Genotype: *Cantharis melanura* Linnaeus, 1758, Syst. Nat., ed. 10: 403. [Monobasic.] Isogenotypic with *Anogcodes* Dejean, 1834.
- Nacerdasclera* Munster, 1921, Norsk Ent. Tidskr. 1: 8.  
Genotype: *Asclera (Nacerdasclera) sibirica* (Gebler), 1847, Bull. Moscou 20(4): 510 (*Anoncodes*) (= *Oedemera sibirica* Gebler, 1830, in Ledebour, Reisen Altai 2(3): 132). [Monobasic.] Note: This synonymy is as listed by Munster, l.c.
- Nacerdochroa* Reitter, 1893, Wien. Ent. Zeit. 12 113.  
Genotype: *Nacerdochroa plutschevskyi* Reitter, 1893, l.c. 114. [Monobasic.]
- Nacerdoscuta* Pic, 1915, Mél. Exot. Ent. 13: 6.  
Genotype: *Nacerdoscuta emirufa* Pic, 1915: l.c. 6. [Monobasic.]
- Nerdanus* Fairmaire, 1896, Notes Leyden Mus. 18: 239.  
Genotype: *Nerdanus coeruleus* Fairmaire, 1896, l.c. 239. [Monobasic.]
- Ocularium* Pic, 1922, Mél. Exot. Ent. 36: 18.  
Genotype: *Ocularium rufum* Pic, 1922, l.c. 18. [Monobasic.]
- Oedechira* Motschulsky, 1872, Bull. Moscou 45(pt. 2): 54.  
Genotype: *Oedechira paradoxa* Faldermann, 1837, Fauna Ent. Transc.: 147. [Present designation.] Note: Motschulsky says this is not the same as *Anoncodes adusta* Panzer [genotype of *Pachychirus* Redtenbacher, 1945], which was placed in synonymy by M. Mulsant.
- Oedemera* Olivier, 1789, Enc. Méth. 4(1): 31. [No incl. sp., but a full description is given. The species were to follow in a later part; however, vol. 3 of "Entomologie" appeared before. There Olivier changed the spelling of *Oedemera* to *Aedemera* and included the first species, without reference to his 1789 publica-

tion. However, he later uses *Oedemera* again and refers to the 1795 publication.] Olivier, 1795, Entomologie 3(50): 1. [First incl. sp.]

Genotype: *Necydalis caerulea* Linnaeus, 1767, Syst. Nat., ed. 12: 642. [Designated by Latreille, 1810: 430; Curtis, 1832, British Ent. 2: pl. 390.] *Necydalis coerulea* Fabricius, 1775, Syst. Ent.: 209. [Designated by Westwood, 1838: 31 (appendix).] *Necydalis coerulea* Fabricius, 1775, Syst. Ent.: 209. [Designated by Blanchard, 1844, pl. 53, fig. 9.] *Oedemera femorata* Fabricius, 1792, Ent. Syst. 1(2): 74 (*Dryops*). [Designated by Crotch, 1870: 48; invalid, not an originally included species.]

Isogenotypic with *Ischnomera* Stephens, 1832, and *Stenolytra* Dillwyn, 1829.

**Oedemerastra** Seidlitz, 1899, Naturgesh. Ins. Deutschl. 5(2): 906, 923.

Genotype: *Oedemera* (*Oedemerastra*) *podagrariae* (Linnaeus) 1767, Syst. Nat., ed. 12: 642 (*Necydalis*). [Present designation.]

Isogenotypic with *Oncomera* Stephens, 1829.

**Oedemerella** Seidlitz, 1899, Naturgesh. Ins. Deutschl. 5(2): 907, 933.

Genotype: *Oedemera* (*Oedemerella*) *croceicollis* Gyllenhall, 1827, Ins. Svec. 4: 523 (appendix). [Monobasic.]

**Oedemerina** Costa, 1852, Fauna Regni Napoli, Edemer.: 31.

Genotype: *Oedemerina lurida* (Gyllenhall), 1810, Ins. Svec. 2: 639 (*Necydalis*) (= by reference, *Necydalis lurida* Marsham, 1802, Ent. Brit.: 360). [Monobasic.]

**Oedemeronia** Seidlitz, 1899, Naturgesh. Ins. Deutschl. 5(2): 906, 919.

Genotype: *Necydalis flavipes* Fabricius, 1792, Ent. Syst. 1(2): 355. [Monobasic.]

**Oncomera** Stephens, 1829, Nomencl. British Ins.: 20; Syst. Cat. Brit. Ins.: 251 (Aug.).

Genotype: *Necydalis podagrariae* Linneaus, 1767, Syst. Nat., ed. 12, 2: 642. [Monobasic.] *Necydalis podagrariae* Linneaus, 1767, l.c. [Designated by Westwood, 1838: 31 (appendix) for *Oncomera* Stephens, 1832, which is referable to Stephens, 1829.]

Isogenotypic with *Oedemerastra* Seidlitz, 1899.

**Oncomerella** Reitter, 1911, Fauna Germ. 3: 406 (note).

Genotype: *Oncomera marmorata* Erichson, 1841, Wagner's Reise Algier 3: 229 (*Oedemera*). [Monobasic.]

**Oncomerina** Seidlitz, 1899, Naturgesh. Ins. Deutschl. 5(2): 884, 885, 891.

Genotype: *Oedemera murinipennis* Kiesen-

wetter, 1859, Berl. Ent. Zeitschr. 3: 192, pl. 3, fig. 9. [Monobasic.]

**Opsimea** Miller, 1880, Verh. zool.-bot. Ges. Wien 30: 224.

Genotype: *Opsimea ventralis* Miller, 1880, l.c. 225. [Monobasic.]

**Oschaninia** Semenow, 1898, Wien. Ent. Zeit. 17: 175.

Genotype: *Ganglbaueria wilkinsi* Heyden, Deut. Ent. Zeit., 1894: 52, fig. [Original designation and monobasic.]

**Oxacis** LeConte, 1866, New Species North Amer. Col. 1: 165.

Genotype: *Asclera cina* LeConte, 1854, Proc. Acad. Nat. Sci. Philad. 7: 225. [Present designation.]

**Pachychirus** Redtenbacher, 1845, Gatt. Deut. Käfer-fauna: 134, 156.

Genotype: *Necydalis adusta* Panzer, 1795, Deutschl. Insectenfaune: 279. [Monobasic.]

**Patiala** Lewis, 1895, Ann. Mag. Nat. Hist. (6) 15: 434.

Genotype: *Patiala antennata* Lewis, 1895, l.c. 434. [Original designation.]

**Peronocnemis** Fairmaire, 1886, Ann. Soc. Ent. France (6) 6: 352.

Genotype: *Peronoenemis davidis* Fairmaire, 1886, l.c. 352. [Monobasic.]

**Perocnemis** Schenkling, 1915, Col. Cat. 65: 12. [Emendation.]

**Phytilea** Broun, 1893, Man. New Zealand Col. 5: 1171.

Genotype: *Phytilea propora* Broun, 1893, l.c. 1172. [Monobasic.]

**Piras** Champion, 1889, Biol. Centr.-Amer., Col. 4 (2): 110 (1889) [no incl. sp.], 164 (1890) [first incl. sp.].

Genotype: *Piras nasalis* Champion, 1890, l.c. 165. [Present designation.]

**Platelytra** Gemminger and Harold, 1870, Cat. Col. 7: 2166. [Emendation of *Platelytra* Fairmaire and Germain, 1863.]

**Platelytra** Fairmaire and Germain, 1863, Ann. Soc. Ent. France (4) 3: 278.

Genotype: *Platelytra vitticollis* Fairmaire and Germain, 1863, l.c. 279. [Monobasic.]

**Probosca** Schmidt, 1846, Linn. Ent. 1: 17, 130.

Genotype: *Probosca viridana* Schmidt, 1846, l.c. 130 (*Naeerdes*). [Designated by Semenow, 1900, p. 647.]

**Proboscea** Schmidt, 1846, l.c. p. 131. [Probably a misspelling of *Probosca*.]

**Pselaphanca** Blair, 1927, Ann. Mag. Nat. Hist. (9) 20: 165.

Genotype: *Selenopalpus lateritius* Fairmaire, Rev. Zool., 1849: 457. [Original designation.]

- Pseudananca** Blackburn, 1893, Trans. Royal Soc. South Australia **17**: 135.  
Genotype: *Pseudananca ruficollis* Blackburn, 1893, l.c. 135. [Monobasic.]
- Pseudolyces** Guérin, 1833, Ann. Soc. Ent. France **2**: 155.  
Genotype: *Pseudolyces marginatus* Guérin, 1833, l.c. 156, pl. 7, A, figs. 1–6. [Present designation.]
- Pseudonerdanus** Pic, 1923, Mél. Exot. Ent. **39**: 24.  
Genotype: *Pseudonerdanus luteonotatus* Pic, 1923, l.c. 24. [Monobasic.]
- Rhinoplatia** Horn, 1868, Trans. Amer. Ent. Soc. **2**: 137.  
Genotype: *Rhinoplatia ruficollis* Horn, 1868, l.c. 138. [Monobasic.]
- Rhopalobrachium** Boheman, 1858, Eugen. Resa, Ins.: 109.  
Genotype: *Rhopalobrachium clavipes* Boheman, 1858, l.c. 110, pl. 1, fig. 8, 8a–g. [Monobasic.]
- Saloninus** Fairmaire, 1891, Ann. Soc. Ent. Belg. **35**: Bull: CXXXIII.  
Genotype: *Saloninus nebulosus* Fairmaire, 1891, l.c. CXXXIII. [Original designation.]
- Schellia** Reitter, 1914, Ent. Blatt. **10**: 49.  
Genotype: *Schellia sitaroides* Reitter, 1914, l.c. 50. [Monobasic.]
- Schistopselaphus** Fairmaire, 1896, Notes Leyden Mus. **18**: 126.  
Genotype: *Schistopselaphus apicatus* Fairmaire, 1896, l.c. 127. [Monobasic.]
- Selenopselaphus** Gemminger and Harold, 1870, Cat. Col. **7**: 2168. [Emendation of *Selenopalpus* White, 1846.]
- Selenopalpus** White, 1846, Voy. *Erebus* and *Terror*, Ins.: 13.  
Genotype: *Selenopalpus chalybaeus* White, 1846, l.c. 13. [Present designation.]
- Sessinia** Pascoe, 1863 (Jan.), Journ. Ent. **2**: 45.  
Genotype: *Nacerdes livida* Fabricius, 1775, Syst. Ent.: 124 (*Lagria*). [Designated by Semenow, 1894: 458.]
- Sisenes** Champion, 1889, Biol. Centr.-Amer., Col. **4**(2): 111 (1889) [no incl. sp.], 130 (1890) [first incl. sp.].  
Genotype: *Sisenes suturalis* Champion, 1890, l.c. 141, pl. 6, fig. 23. [Present designation.]
- Sisenopiras** Pic, 1923, Mél. Exot. Ent. **39**: 26.  
Genotype: *Sisenopiras gounellei* Pic, 1923, l.c. 26. [Present designation.]
- Sparedropsis** Heyden, 1886, Deutsche Ent. Zeitschr. **30**: 191.  
Genotype: *Sparedropsis fuscus* Heyden, 1886, l.c. 191. [Monobasic.]
- Sparedrus** Dejean, 1821, Cat. Col.: 72.  
Genotype: *Calopus testaceus* Andersch, 1797, in Hoppe, Ent. Taschenbuch: 165. [Monobasic.] *Sparedrus testaceus* Schoenherr, 1817 (refers to Andersch, 1797). [Designated by Blanchard, 1844: pl. 53, fig. 7.]
- Spharedrus** Kuhnt, 1912, Ill. Best.-Tab. Käf. Deutschl.: 689, 690. [Misspelling of *Sparedrus* Dejean.]
- Stenaxis** Schmidt, 1846, Linn. Ent. **1**: 17, 87.  
Genotype: *Oedemera annulata* Germar, 1824, Ins. Spec. Nov.: 166. [Monobasic.]
- Stenolytra** Dillwyn, 1829, Mem. Col. Ins. Swansea: 61.  
Genotype: *Stenolytra caerulea* (Linnaeus), 1767, Syst. Nat., ed. 12: 642 (*Necydalis*). [Monobasic.] Note: The title page of Dillwyn's publication states "Not Published." However, it was printed and copies are available.
- Isogenotypic with *Oedemera* Olivier, 1789, and *Ischnomera* Stephens, 1832.
- Stenostoma** Latreille, 1810, Consid. Gen.: 217.  
Genotype: *Leptura rostrata* Fabricius, 1787, Mant. Ins. **1**: 159 (*Lagria*). [Designated by Latreille, 1810: 430; Crotch, 1870: 223.]
- Stenostomidea** Perroud, 1864, Ann. Soc. Linn. Lyon **11**: 126.  
Genotype: *Stenostomidea grevilleae* Perroud, 1864, l.c. 127. [Monobasic.]
- Techmessa** Bates, 1874, Ann. Mag. Nat. Hist. (4) **13**: 113.  
Genotype: *Techmessa concolor* Bates, 1874, l.c. 113. [Present designation.]
- Techmessodes** Broun, 1893, Man. New Zealand Col. **5**: 1173.  
Genotype: *Techmessodes versicolor* Broun, 1893, l.c. 1173. [Monobasic.]
- Thaccona** Walker, 1859, Ann. Mag. Nat. Hist. (3) **3**: 260.  
Genotype: *Thaccona dimelaena* Walker, 1859, l.c. 260. [Monobasic.]
- Thelyphassa** Pascoe, 1876, Ann. Mag. Nat. Hist. (4) **18**: 58.  
Genotype: *Thelyphassa diaphana* Pascoe, 1876, l.c. 58. [Monobasic.]
- Trichananca** Blackburn, 1891, Trans. Royal Soc. South Australia **14**: 341.  
Genotype: *Trichananca victoriensis* Blackburn, 1891, l.c. 341. [Monobasic.]
- Uroplatosisenes** Pic, 1934, Mél. Exot. Ent. **63**: 23.  
Genotype: *Uroplatosisenes depressicornis* Pic, 1934, l.c. 24. [Present designation.] Note: Strict interpretation of the Code makes this genus invalid because no genotype was originally designated. However, it is here accepted. See note under *Falsoncranus* Pic.

**Vasaces** Champion, 1889, Biol. Centr.-Amer., Col. 4 (2): 111 (1889) [no incl. sp.], 128 (1890) [first incl. sp.].

Genotype: *Vasaces aeneipennis* Champion, 1890, l.c. 128, pl. 6, figs. 7, 7a-c. [Present designation.]

**Vodomarus** Champion, 1889, l.c. 111 (1889) [no incl. sp.], 143 (1890) [first incl. sp.].

Genotype: *Vodomarus quadrifoveolatus* Champion, 1890, l.c. 143. [Monobasic.]

**Xanthochroa** Schmidt, 1846, Linn. Ent. 1: 17, 35. Genotype: *Oedemera carniolica* Gistl, 1832, Faunus 1: 150. [Present designation.]

**Xanthochroina** Ganglbaur, 1881, Verh. zool.-bot. Ges. Wien 31: 98, 105.

Genotype: *Xanthochroina auberti* Abeille, Bull. Soc. Ent. France, 1876: CLXVI. [Monobasic.]

**Xanthomima** Semenow, 1900 [not Warren, 1897]. (See *Isoloxantha* Semenow, 1902, Horae Soc. Ent. Ross. 34: 646, which replaces this name.)

Genotype: *Xanthomima handlirschi* (Seidlitz), 1899, Naturgesch. Ins. Deutschl. 5(2): 832 (*Ananconia*). [Original designation and monobasic.]

**Zabriola** Fairmaire, 1901, Rev. Ent. 20: 198.

Genotype: *Zabriola obscurifrons* Fairmaire, 1901, l.c. 198. [Monobasic.]

**Zoubkovia** Seidlitz, 1899, Naturgesch. Ins. Deutschl. 5(2): 815. [Misspelling of *Zubkoria* Semenow, 1894; correctly spelled and refers to Semenow, 1894, on p. 830.]

**Zubkoria** Semenow, 1894, Horae Soc. Ent. Ross. 28: 454, 455, 467.

Genotype: *Zubkoria turcomanica* Semenow, 1894, l.c. 468. [Monobasic.]

**ZOOLOGY.—Description of a new species of amphipod of the genus Corophium from Adyar, Madras, India.<sup>1</sup>** K. NAGAPPAN NAYAR, University of Madras, S. India. (Communicated by Waldo L. Schmitt.)

Barnard (1935), Chilton (1921), Giles (1885, 1888, 1890), Stebbing (1940), and Walker (1904, 1905, 1909) have listed and described over 120 species of amphipods from Indian waters. While studying a collection of over 40 forms from the Madras coast, the author found the present form to be a new

#### THE MORE IMPORTANT PUBLICATIONS GIVING GENOTYPE DESIGNATIONS FOR GENERA OF ODEMERIDAE

**LATREILLE**, P. A. *Considérations générales sur l'ordre naturel des animaux...* 444 pp. Paris, 1810. [The appendix of this work lists genotypes. They are valid only where one name is listed, or if two or more are listed, the first name must be set off by the word "eujud." All others are here considered as not valid. (See Opinion Nos. 11 and 136.)]

**WESTWOOD**, J. O. *An introduction to the modern classification of insects*, 2 vols. 1838-1840. [The appendix to this work lists genotypes; pp. 1-48 appeared in 1838. (See Griffin, F. J., Proc. Ent. Soc. London 6 (3): 83-84, 1932.)]

**DUPONCHEL**, P. A. J. In D'Orbigny, *Dictionnaire universel d'histoire naturelle*, 13 vols. Paris, 1841-1845. [Some of the early volumes have the type species cited.]

**BLANCHARD** E. In Cuvier, G. [Disciples' edition of], *Le règne animal*. Paris, 1844. [The title page of this series states that the species figured is the type of the genus illustrated. Sherborn, C. D., 1922, Ann. Mag. Nat. Hist. (9) 10: 555-556) says that pages 324-340 (Oedemeridae there included) were issued in 1844.]

**CROTCH**, G. R. *The genera of Coleoptera studied chronologically (1735-1801)*. Trans. Ent. Soc. London, 1870: 41-52; *The genera of Coleoptera studied chronologically (1806-21)*, ibid.: 213-241. 1870. [Crotch attempts to designate genotypes, particularly in the second part, some of which are valid and many of which are not.]

**SEmenow**, ANDREA. *Symbolae ad cognitionem oedemeridarum*. Horae Soc. Ent. Ross. 28: 449-474. 1894.

—. *De nonnullis oedemeridarum generibus*. Ibid. 34: 643-655. 1900. [These two articles designate a number of oedemerid genotypes.]

**LUCAS**, ROBERT. *Catalogus alphabeticus generum et subgenerum coleopterorum orbis terrarum totius*, pars 1 [all published], 696 pp. Berlin, 1920. [The name, if any, which follows the original generic citation (and only in that position) is a genotype designation according to the authors statement in the introduction.]

species. Of the 37 species known of the tube-dwelling genus *Corophium*, two have been recorded from India. The present form, the third species, is the first to be recorded from Madras. Hence a full account of this new species and a comparison with the other Indian species were deemed fitting.

Large numbers of both males and females of this amphipod are found living in the

<sup>1</sup> Received May 8, 1950.